Vasilii Tokarev

Data Scientist / ML Engineer - Junior

Data enthusiast with a background in data analytics, process automation, and machine learning. Experienced in leveraging SQL, Python, and advanced analytical techniques to provide actionable business insights at Ernst & Young. Previous experience in procurement at VEMZU enhanced my analytical and communication skills.

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Experience

September 2023 — now
Data Analyst
Ernst & Young, s.r.o.
- Performed analytics on data from various ERP systems using SQL and Python
- Participated in the agile development of a data analytics module for a web application used in internal audits
- Developed machine learning algorithms for clustering and classification tasks
- Participated in the development of a tool for interpreting data analytics results using Azure OpenAI
- Developed Python applications to automate both internal team and client processes
- Developed API integrations to connect BI and auditing software
- Interpreted and presented results from data analysis for actionable insights

December 2022 – September 2023
Buyer
VEMZU Czech Republic, s.r.o.
- Communicated with suppliers across Europe
- Created purchase orders
- Analysed performance of brand and product categories
- Collaborated closely with the CEO, CFO, and head of marketing
- Contributed to company strategy development
- Prepared internal analysis reports

Tech Stack

Python
scikit-learn, pytorch, pandas, numpy, pyspark, flask, selenium,
SQL
Git
Docker
Microsoft Azure
Azure OpenAI
Snowflake
Databricks
Apache Airflow
Power BI
Tableau

Languages

Czech (C1/C2)
English (C1)
Deutsch (A1)
Russian (C2)

Education and Certifications

2025
Machine Learning with Apache Spark
IBM

2024
Microsoft Certified: Azure Fundamentals
Microsoft

2024
Machine Learning Practitioner
Databricks Academy

2024
Data Science Bronze Badge
Ernst & Young

2018-2022
Business Economics and Management
High School of Economics in Prague

2022-2023
Data Scientist Junior
Skillbox